

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TH2458-02 (US)APPLICATION NUMBER
10/816.543LIST OF INFORMATION PROVIDED
BY APPLICANT
(use several sheets if necessary)APPLICANT
Marek Matusz et alFILING DATE
April 1, 2004GROUP ART UNIT
1725

JUL 27 2006

1755

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner TRADE NAME	Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
CEWD	AA 3,972,829	8/76	Michalko	252	430	
	AB 4,005,049	1/77	Fields	252	467	
	AC 4,908,343	3/90	Bhasin	502	218	
	AD 4,797,270	1/89	Cendan et al	423	625	
	AE 4,361,504	11/82	Solomon et al	252	463	
	AF 4,366,092	12/82	Winterton	252	476	
	AG 4,367,167	1/83	Lee et al	252	472	
	AH 4,810,689	3/89	Hayden	502	347	
	AI 4,186,106	1/80	Rebsdat et al	252	414	
	AJ 4,125,480	11/78	Maxwell	252	414	
CEWD	AK 4,886,917	12/89	Knopf et al	568	623	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation Yes No
CEWD	AL 96/23585	8/96	WO	B01J	23/66	
	AM 96/41848	12/96	WO	C10G	45/08	
	AN 56164013	1980	Japan (Abstract)	C01F	7/02	
CEWD	AO 56105750	8/81	Japan (Abstract)	B01J	23/66	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

CEWD	AR	International Search Report of PCT/US2004/14088 dated August 11, 2004 (TH2458 PCT).
CEWD	AS	Written Opinion of PCT/US2004/14088 (TH2458 PCT) 8/11/04
CEWD	AT	International Preliminary Report on Patentability of PCT/US2004/14088 (TH2458 PCT), 8/11/05.

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10/12/06

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REFERENCE DESIGNATION: U.S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
<i>CMW</i>	BA	5.057.481	10/91	Bhasin	502	208	
	BB	2.901.441	8/59	Waterman	252	463	
	BC	5.734.068	3/98	Klopries et al	549	536	
	BD	5.668.077	9/97	Klopries et al	502	347	
	BE	4.874.739	10/89	Boxhoorn	502	218	
	BF	4.916.243	4/90	Bhasin et al	549	534	
	BG	5.387.751	2/95	Hayden et al	549	534	
	BH	5.447.897	9/95	Kemp	502	303	
	BI	5.486.628	1/96	Kemp	549	536	
	BJ	5.545.603	8/96	Kemp	502	347	
<i>CMW</i>	BK	5.663.385	9/97	Kemp	549	536	
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation Yes No
<i>CMW</i>	BL	211521 A1	2/87	EP	B01J	23/66	
	BM	0937498 A1	8/99	EP	B01J	23/66	
	BN	563 414 A1	10/93	EP	B01J	23/52	
<i>CMW</i>	BO	568.978 A1	11/93	EP	G01C	19/56	
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
<i>CMW</i>	BR	International Search Report of PCT/US2004/14087 dated September 23. 2004 (TH2306 PCT).					
<i>CMW</i>	BS	Written Opinion of PCT/US2004/14087 (TH2306 PCT). 9/23/04					
<i>CMW</i>	BT	International Preliminary Report on Patentability of PCT/US2004/14087 (TH2306 PCT). 10/28/05					
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REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
<i>Alvin</i>	CA	5,055,442	10/91	Osaka et al	502	439	
	CB	5,037,794	8/91	Magistro	502	355	
	CC	4,994,588	2/91	Kapicak et al	549	534	
	CD	4,994,589	2/91	Notermann	549	534	
	CE	5,112,795	5/92	Minahan et al	502	324	
	CF	5,380,697	1/95	Matusz et al	502	348	
	CG	4,797,279	1/89	Karamata et al	424	93	
	CH	5,374,748	12/94	Rizkalla	549	534	
	CI	4,361,500	11/82	Mathe et al	252	430	
	CJ	3,895,093	07/75	Weidenbach et al	423	213.5	
<i>Alvin</i>	CK	4,235,798	11/80	Bartley et al.	260	449	

FOREIGN PATENT DOCUMENTS						
		Document No.	Date	Country	Class	Subclass
						Translation Yes No
<i>Alvin</i>	CL	2,005,978	10/69	France (abstract) <i>A</i>	G08C	13/02
	CM	716,884 A2	06/96	EP	B01J	23/66
	CN	1,277,698 A2	01/03	EP	C01B	3/38
<i>Alvin</i>	CO	2004/101144	11/04	WO	B01J	23/50

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						
		Document No.				
<i>Alvin</i>	CR	Fulton, J. W., "Selecting the Catalyst Configuration", Chemical Engineering, May 12, 1986, p. 97-101.				
<i>Alvin</i>	CS	International Search Report of PCT/US2005/010996 dated July 29, 2005 (TH2541 PCT).				
<i>Alvin</i>	CT	Written Opinion of PCT/US2005/010996 (TH2541 PCT). <i>7/29/05</i>				

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**considered to extent of abstract*

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Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
<i>CW</i>	DA	4,244,889	01/81	Bartley et al.	564	132	
	DB	4,356,312	10/82	Nieslen et al.	549	534	
	DC	4,368,144	01/83	Mitsuhata et al.	252	463	
	DD	4,379,134	04/83	Weber et al.	423	626	
	DE	4,420,420	12/83	Mita et al.	502	261	
	DF	4,628,129	12/86	Bartley	568	864	
	DG	4,665,048	05/87	Van Leeuwen et al.	502	221	
	DH	5,935,894	08/99	Kanazirev	502	341	
	DI	6,103,916	08/00	Takada et al	549	534	
	DJ	6,281,160	08/01	Basset et al	502	332	
<i>DP</i>	DK	4,361,503	11/82	Dwyer et al.	252	455	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No
	DL						
	DM						
	DN						
	DO						

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

<i>CW</i>	DR	International Search Report of PCT/US2005/033758 dated June 12, 2006 (TH2466 PCT).
<i>CW</i>	DS	Written Opinion of PCT/US2005/033758 (TH2466 PCT). <i>6/12/06</i>
<i>CW</i>	DT	W.J. Beek, K.M.K. Muttzall: "Transport Phenomena". 1975. J. Wiley & Sons. XP009060252, pages 98-120. <i>NO MONTA</i>

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Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
<i>AW</i>	EA	2,424,083	07/47	Finch et al.	252	204	
	EB	4,382,149	05/83	Krueger	568	473	
	EC	3,997,476	12/76	Cull	252	463	
	ED	4,532,231	7/85	Johnson	502	347	
	EE	4,511,671	4/85	Saito et al	502	242	
	EF	4,645,754	2/87	Tamura et al	502	527	
	EG	4,656,157	4/87	Hofmann et al	502	439	
	EH	2002/0010378	1/02	Kakimoto et al	568	867	
	EI	4,366,093	12/82	Shiozaki et al	252	477	
	EJ	6,325,919	12/01	Koyama et al	208	134	
<i>AW</i>	EK	5,100,859	3/92	Gerdes et al	502	439	

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Subclass	Translation Yes No
	EL						
	EM						
	EN						
	EO						

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	ER						
	ES						
	ET						

EXAMINER	<i>AW</i>	DATE CONSIDERED	<i>10/12/06</i>
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Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
<i>App W</i>	FA	4.033.903	7/77	Maxwell	292	476	
	FB	6.631.890	10/03	Lau	261	94	
	FC	5.626.455	5/97	Keller et al	414	288	
	FD	5.588.986	12/96	Davis et al	95	211	
<i>App W</i>	FE	2004/0225138	11/04	McAllister et al	549	523	
	FF						
	FG						
	FH						
	FI						
	FJ						
	FK						

FOREIGN PATENT DOCUMENTS						
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	FL					
	FM					
	FN					
	FO					

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	FS	
	FT	

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